

U. S. Department of Agriculture  
Agricultural Marketing Service  
and  
U. S. Department of Commerce  
Weather Bureau

Nebr. Dept. of Agr. & Inspection  
Division of Agr'l. Statistics  
and  
Agricultural Extension Service  
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 8-3-54-11:00 A.M.

Week Ending 8-2-54

WEATHER Temperatures averaged slightly above normal. No extremely hot temperatures were reported from the west but afternoon maxima exceeded 100° one or two days over most of the central and eastern portions with hot winds. Moderate to locally heavy rains fell over most of the northeastern portion of the State during the week and light to moderate rains over the west and south central. Much of the southeast received heavy to excessive rains over the week-end, which extended westward as moderate to locally heavy showers over much of the south central. Most of these regions received the rain in more than one shower. Much of the rain fell rather slowly. This favored good soil penetration of the moisture. There was almost full sunshine until Sunday.

CROPS The condition of corn is very spotted with serious damage to much of the corn in the southern two-thirds of the State. There is some spotted damage in the northern third of the State. Previous extremely high temperatures without rain stunted the corn and some of it burned. Outside of the spotted and burned areas, corn has maintained good color, due largely to good fertility. Irrigated corn is promising.

8-3-54  
1300 Rains of the past week including the week-end rains covered the State but in varying amounts. Some localities received heavy rainfall, while others received light rainfall. Part of the corn is damaged beyond recovery but most of it should make better food after the rain. Part of the corn should improve considerably.

There is some question whether all damaged corn will shoot ears and produce grain. About 73 percent of the corn had tasseled by the close of last week. Late corn, if not damaged too badly, may make the best yield this year. There was some damage from hail, and insects such as corn borer, corn rootworm, grasshoppers and chinch bugs are prevalent.

Small grain crops show very little change. Wheat showed marked variation in yields in northwestern Nebraska as it did in the balance of the State. Most of the oats were very good but there were some unsatisfactory yields. Some oats were cut for hay.

Pastures are short and some brown throughout most of the State except the Sandhills and parts of northeastern Nebraska. Recent rainfall should revive pastures, if more rain is received soon.

The third crop of alfalfa which had not made any progress started to grow after the rains of the past week. More rain will be needed to make a good third crop. Wild hay harvest continues with generally satisfactory yields in north central Nebraska but poor in the central and southern portions of the Sandhills.

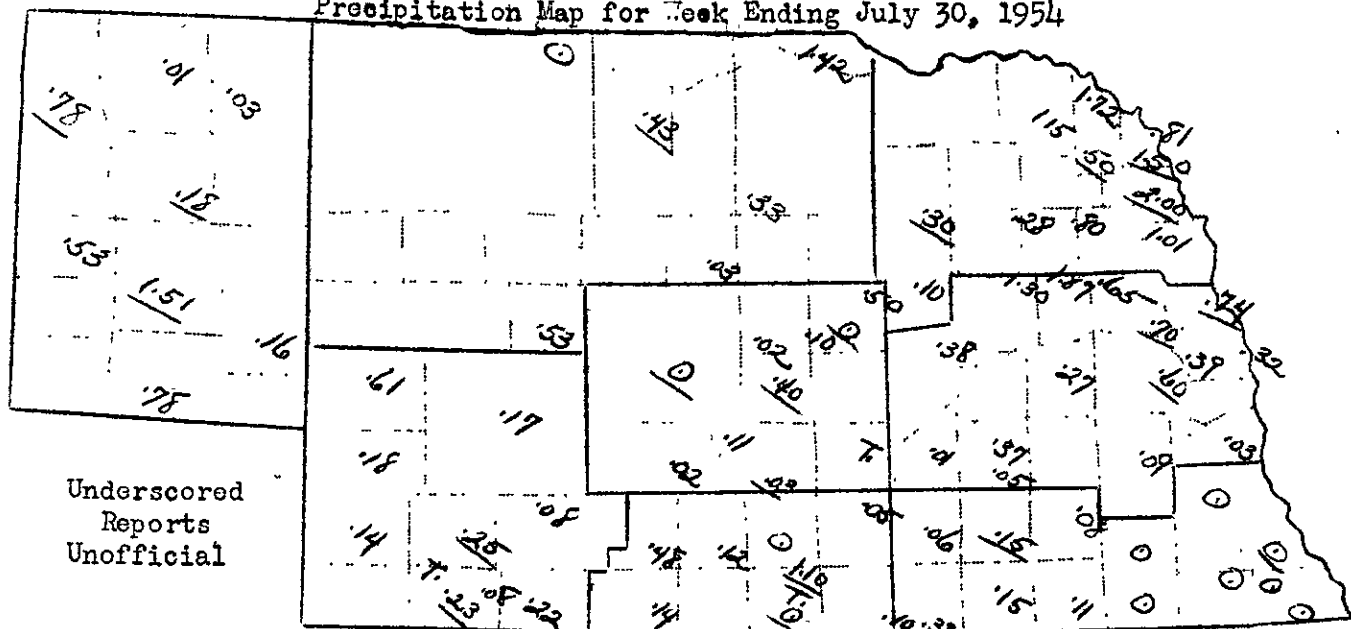
Sorghum crops which have needed rain were revived by rains of the past week and now have a chance to produce a satisfactory crop, if more rain is received. Fortunately, the acreage for grain was increased heavily this year. Soybeans are generally promising. Most of the sudan grass should improve but some was damaged badly.

The irrigated area in the North Platte Valley received light to substantial rain. Crops had been threatened previously by insufficient water for irrigation. The crop outlook is more favorable at present.

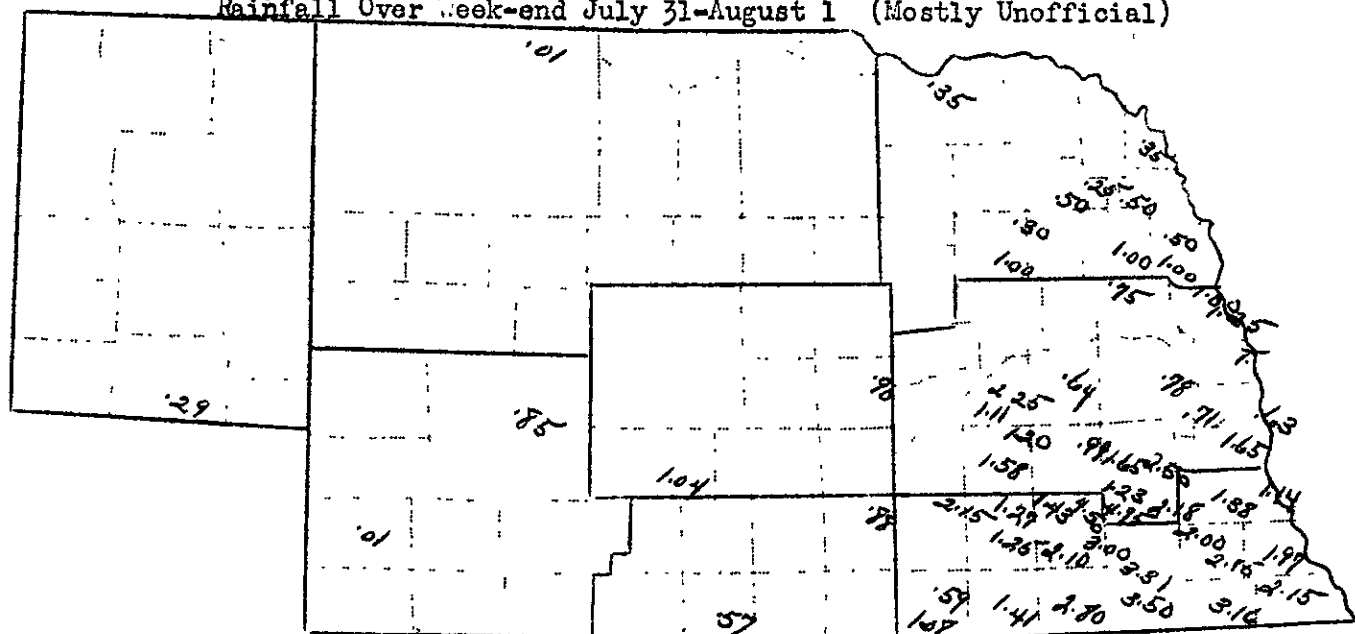
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Precipitation Map for Week Ending July 30, 1954



Rainfall Over Week-end July 31-August 1 (Mostly Unofficial)



HIGHEST AND LOWEST TEMPERATURES (High for 24 hours ending 12:30 a.m., and low for 12 hours ending 6:30 a.m. CST)

		July										August			
		27th		28th		29th		30th		31st		1st		2nd	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	96	72	85	58	97	64	87	66	92	53	90	58	91	50
	Scottsbluff	94	65	82	61	92	62	91	65	92	58	89	59	91	53
	Sidney	93	67	89	62	91	57	96	66	94	54	87	63	88	52
N-C	Burwell	93	66	91	62	93	63	--	--	--	--	88	--	--	--
	Valentine	95	74	87	63	93	66	--	--	84	56	85	63	90	54
NE	Norfolk	94	66	--	--	86	57	100	66	94	62	78	62	80	61
	Sioux City	90	60	92	71	80	60	91	66	89	60	77	--	80	62
CEN.	Grand Island	90	67	94	67	93	66	100	74	101	62	84	62	76	61
	Lexington	91	67	92	63	95	64	100	67	99	59	85	61	83	59
E-C	Lincoln	88	63	95	71	92	66	98	78	101	69	87	64	77	65
	Omaha	93	68	93	72	87	63	99	73	103	65	83	67	81	64
SW	Imperial	95	67	92	65	94	67	103	66	97	57	89	--	87	63
	North Platte	93	71	87	61	94	67	100	65	95	57	87	62	85	58

## WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 2, 1954

## Eastern Division

Grand Island	.90
Lincoln	2.59
Norfolk	.30
Omaha	.32
Sioux City	.82

## Central Division

Burwell	.03
Lexington	1.06
North Platte	1.02
Valentine	.01

## Western Division

Chadron	.01
Imperial	.15
Scottsbluff	.53
Sidney	.63

## Precipitation, April 1 - July 30, 1954

	Eastern Div.	Central Div.	Western Div.
Total past week	0.38	0.25	0.28
Total since April 1	12.16	8.52	7.66
Normal since April 1	14.49	12.55	10.23